The Periodic Table NameClick here to enter text.

Activity 2  
Elements and Their Properties

Goals…

* Apply ancient definitions of elements to materials you believe are elements
* Test some properties of several common chemical elements
* Classify elements as metals, nonmetals or neither
* Learn to differentiate between chemical and physical properties
* Organize a table of the elements you tested based on their properties
* Practice safe handling of corrosive chemicals in the lab

Chem Talk…

* ELEMENT – any material that Click here to enter text.into simpler materials
* Mendeleev’s question – *“What is the* Click here to enter text. *of the elements to one another and to the chemical families to which they belong?”*
* He searched for Click here to enter text.
* PHYSICAL PROPERTY – a property that can be Click here to enter text. in the substance’s chemical composition
* CHEMICAL PROPERTY – a Click here to enter text. in a chemical reaction that Click here to enter text.

|  |  |
| --- | --- |
| **Metals** | **Nonmetals** |
| Click here to enter text. | Click here to enter text. |
| Click here to enter text. | Click here to enter text. |
| Click here to enter text. | Click here to enter text. |
| Click here to enter text. | Click here to enter text. |
| **SIMILARITIES** | |
| Click here to enter text. | |
| Click here to enter text. | |
| Click here to enter text. | |